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INTERIM STUDY OF USSR SHIPYARDS
IN ECONOMIC REGION V

ORR PROJECT 35,512

FEBRUARY 1955

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FOREWORD

The material and estimates contained herein are designed primarily to assist the analysts in the Shipbuilding Branch of the Industrial Division, ORR, CIA. It is intended to supplement and alter this material and estimates periodically as new material and time will allow. It should not be used or quoted without specific confirmation of the Shipbuilding Branch.

This report presents a brief summary of the location, size, facilities and estimated production capabilities together with the principal gaps in intelligence of each known or reported shipyard in economic area V of the USSR. It is one of a series of such reports being prepared, which combined will cover all of the USSR shipyards.

The limitations placed on the source of material and upon the research time necessarily means that the information contained herein can be considered tentative only.

The information is derived from material available from the Industrial Register and files of the Shipbuilding Branch as of February 1955.

Informal coordination with analysts of ONI and AFOIN is currently being initiated. Alterations or additions indicated as the result of this coordination will be made in the file copy of I/SH.

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ANSA VI. Index Alphabetical According to City

<u>City</u>	<u>Shipyards</u>	<u>Page</u>
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Baku	Baku Naval Shipyard	11
	Baku Shipyard	16
	Landing Craft Shipyard	21
	Parishakaya Kommuna Shipyard	26
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	Vano Sturua Shipbuilding and Ship Repair Yard	36
Batumi	Batumi Naval Base and Shipyard "Dzerzhinskiy"	41
	Batumi Port Facilities	46
	Ordzhonikidze Ship Repair Yard	51
Kobuleti	Kobuleti Navy Yard	56
Ochamchiri	Ochamchiri Naval Base	61
	Ochamchiri Shipyard	66
Poti	Poti Shipyard, "Yelyava" 201	71
Sevan	Sevan Barge Shipyard	76
Sukhumi	Sukhumi Ship Repair Yard	81
Zabirabad	Zabirabad Shipyard	86

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Area VII. Index Alphabetical According to Shipyard Name
(both current and alternate)

<u>Shipyard</u>	<u>City</u>	<u>Page</u>
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Baku Naval Shipyards	Baku	11
Baku Shipyards	Baku	16
Baku Shipyards #3	Arten Island	6
Batumi Naval Base and Shipyards "Dzerzhinskiy"	Batumi	41
Batumi Port Facilities	Batumi	46
Batumi Ship Repair Plant	Batumi	51
Batumi Ship Repair Yard	Batumi	41
Dzerzhinskiy Shipyards	Batumi	41
Kebuleti Navy Yard	Kebuleti	56
Landing Craft Shipyards	Baku	21
Ochenchiri Naval Base	Ochenchiri	61
Ochenchiri Shipyards	Ochenchiri	66
Orashenikidze Ship Repair Yard	Batumi	51
Parishskaya Kommuna Shipyards	Baku	26
Poti Shipyards "Yalyava" 201	Poti	71
Sevan Barge Shipyards	Sevan	76
Sevashskoye Sudokhodstvo (Sevan Navigation Company)	Sevan	76
Shipyards 201	Poti	71

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<u>Shipyard</u>	<u>City</u>	<u>Page</u>
Sukhumi Naval Repair Workshops	Sukhumi	81
Sukhumi Ship Repair Yard	Sukhumi	81
Sukhumi Submarine Repair Yard	Sukhumi	81
Third Baku Shipyard	Arten Island	6
Transcaucasian Federation Shipyard	Baku	31
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Zabirabad Ship Repair Shops	Zabirabad	86
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Area VIII. Summary

<u>City</u>	<u>Shipyards</u>	<u>Estimated Maximum</u> <u>Yearly Production</u>	
		<u>Naval (SDT)</u>	<u>Merchant (GRT)</u>
Aston Island	Baku Shipyard #3	N.A.	N.A.
	Baku Naval Shipyard	1,000	3,500
	Baku Shipyard	Repair Only	
	Landing Craft Shipyard	N.A.	N.A.
	Parishskaya Kommuna Shipyard	3,600	13,000
	Transcaucasian Federation Shipyard	700	2,500
	Vane Sturua Shipbuilding and Ship Repair Yard	900	3,200
Batumi	Batumi Naval Base and Shipyard "Dzerzhinskiy"	1,700	6,000
	Batumi Port Facilities	Repair Only	
	Ordshenikidze Ship Repair Yard	N.A.	N.A.
Kebuleti	Kebuleti Navy Yard	N.A.	N.A.
Ochenchiri	Ochenchiri Naval Base	N.A.	N.A.
	Ochenchiri Shipyard	N.A.	N.A.
Poti	Poti Shipyard, "Yelyava" 201	N.A.	N.A.
Sevan	Sevan Barge Shipyard	N.A.	N.A.
Sukhumi	Sukhumi Ship Repair Yard	N.A.	N.A.
Zabirabad	Zabirabad Shipyard	N.A.	N.A.

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Country: STRENGTHS Country: USSR City: Artem Island
 Current Name: Artem Island #3 Alternate Names: Trifed Aram Shipyard
 Coordinates: (of Artem Island) 40°20'N-50°20'E

Total Land Area (sq. ft.)	Total Area of Buildings (sq. ft.)	Number and Size of docks: A - Loading B - Graving	Number and Size of berthing bays	General impression as to efficiency of yard and adequacy of tools	Type of past production, year of construction	Number of employees	Estimated maximum yearly production
NA	NA	1 - 1 pier capable of handling vessels up to 2,000 tons	None	NA	1948-constructed - 1,000 tons (100 hp) planned repairs of 600 ton vessels and dry-dock vessels.	NA	NA

Subject : SHIPYARDS
Country : USSR
City : **Artem Island**
Current Name : **Baku Shipyard #3**
Alternate Name: **Third Baku Shipyard**
Location : **On Artem Island 24 miles east northeast of Baku.**
Remarks : **Construction of this shipyard commenced in 1940. In 1949 construction of a longitudinal slipway capable of handling vessels up to 2000 tons was commenced. This slipway was obtained from Finland in 1948 as part of Finnish war reparations. Construction was still uncompleted in 1950.**
In general this yard builds small vessels for use in Baku harbor and in coastal traffic in the vicinity of Baku. Caspian Sea tankers and dry cargo vessels are also repaired here.

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Subject : SHIPYARDS
Country : USSR
City : Artem Island
Current Name: Baku Shipyard #3

GAPS IN INTELLIGENCE: The following questions were used as a checklist guide in the preparation of this report. Up to date information for all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent location.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- *7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions

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*9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

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Subject: SHIPYARDS

Country: USSR

City: NAV

Current Name: Red Sea Shipyard

Alternate Names: Red Sea Shipyard

Coordinates: 40°20'40"N-49°30'45"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Yards: A - Floating B - Graving	Number and Size of Marine Rail-ways	General in-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Number of Employees	Est. Maxi-mum number Employees	Estimated Maximum Yearly Production	
615,000	100,000 (1947)	1-Small (to an area approx. 60' x 100')	None	None	N.A.	N.A.	N.A.	900	1,000	3,500

Subject : SHIPYARDS
 Country : USSR
 City : Baku
 Current Name : Baku Naval Shipyard
 Alternate Name: Bailleve Naval Shipyard
 Location : In the northern section of the Naval Base on Cape Bailleve
 Remarks : 18,000' sw of the concrete mole in the center of the Baku waterfront.

Facilities of this yard are used exclusively by the naval forces in the Caspian Sea area. There is very little information on the yard's postwar activities, however, a PW report indicated that considerable new building was going on in May 1947 including the drilling of horizontal tunnels into a rock surface.

Although it is believed to be primarily a naval vessel repair yard it is possible that small escort vessels or launches may be assembled and launched on the slipway in the center of the yard.

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Subject : SHIPYARDS
Country : USSR
City : Baku
Current Name: Baku Naval Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- *3. What is the exact location of this yard?

- *a. Coordinates

- *b. Azimuth and distance from some prominent landmarks.

- *4. What are the limits of the yard area?
- *5. What is the general plan and layout of the yard?

- 6. What are the dimensions and functions of each building?

- 7. What building ways exist at this yard?

- *a. Number

- *b. Location

- c. Type

- d. Capacity

- e. Dimensions

- *8. What drydock facilities exist at this yard?

- *a. Number

- *b. Location

- *c. Type

- *d. Capacity

- *e. Dimensions

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* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in DFT)?

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Subject: SILVERMANS

Country: USSR

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City: BAU

Current Name: BAU

Alternate Names: BAU

Coordinates: (of BAU) 42°51'N 29°1'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Rail-ways	General im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maxi-mum number Employees	Estimated Maximum Yearly Production	Merchant G.
BAU	BAU	BAU	BAU	BAU	BAU	1948-Built postboxes for floating arms for the oil industry. 1953-Repaired vessels of the Caspian Sea petroleum fleet.	BAU	BAU	BAU	BAU

Subject : SHIPYARDS
Country : USSR
City : Baku

Current Name : Baku Shipyard

Alternate Name: N.A.

Location : Probably near the center of the Baku waterfront area.

Remarks : Little is known about this yard, however, it was reported in a Soviet publication in November of 1946 that a new ship repair yard was under construction near the center of Baku.

It appears to be mainly involved in the repair of vessels of the Caspian Sea Petroleum Fleet (Kasnefteflot).

Reports on 1953 plan fulfillment reveal that this yard accomplished only 72% of the total plan, 80% of the total ship repair plan and only 64% of the total planned repairs to vessels of the Caspian Sea Petroleum Fleet (Kasnefteflot).

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Subject : SHIPYARDS
Country : USSR
City : Baku
Current Name: Baku Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a general guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk.*.

- *1. What is the current name of this yard?
- 2. By what other names is the yard known?
- 3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

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9. What marine railway facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
11. What is the Yard's ship construction history (1935-present)?
 - a. Types and dates of construction.
 - b. Length of times between keel laying and launching.
 - c. How many months a year is ship construction restricted by climatic conditions?
12. What ships has the yard repaired (1935-present)?
 - a. Types and dates of repair.
 - b. Extent of repairs.
 - c. How many months a year is ship repair restricted by climatic conditions?
13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
14. What percentage of the yards facilities are involved in the production of these other items?
15. How many employees does the yard have?
 - a. Number per shift.
 - b. Number of shifts per day.
 - c. Length of each shift.
 - d. Number of days worked per week.
 - e. Is there a seasonal fluctuation in employment?
16. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

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Subject: SHIPYARDS

Country: USSR

City: NAVI

Current Name: Imeni G.M. Sholud

Alternate Names: NA

Coordinates: (Lat. 45° 55' N, Long. 30° 15' E)

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production	Merchant G.
NA.	NA.	NA.	NA.	NA.	NA.	1970-1980 NA.	NA.	NA.	NA.	NA.

Subject : SHIPYARDS
Country : USSR
City : Baku

Current Name : Landing Craft Shipyard

Alternate Name: N.A.

Location : Uncertain, possibly between the Parizhskaya Kommuna Shipyard
and the Bailevo Naval Base.

Remarks : It was reported in 1950 that a new wharf in Baku was building landing
craft exclusively.
It is possible that a new shipyard has been constructed in this
area but it is more probable that an established yard has been
expanded or extended for the construction of these craft. On
the basis of available information it is believed that this yard
is a southern extension of the Parizhskaya Kommuna Shipyard, however,
until this is confirmed the landing craft shipyard will be listed
as a separate installation.

Subject : SHIPYARDS
Country : USSR
City : Baku
Current Name: Landing Craft Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a suggested guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

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9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

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Subject: SHIPYARDS

Country: USSR

City: BAKU

Current Name: Paribabayan Koman Shipyard

Alternate Names: N.A.

Coordinates: 40°21'04"N-49°30'16"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production
950,000	350,000	None	A-1 250'x60' B-3 400'x90' 600'x120' 340'x110'	None	fair	1944-built & repaired merchant vessels & naval vessels 1946-repaired ships. 1947-etc. spare parts for agricultural machinery. 1948-repaired ships. 1949-repaired ships etc. spare parts for all industry. 1950-repaired ships. 1952-repaired ships.	1950 (2 ships) (1945)	1,000	3,600
									13,000

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Subject : SHIPYARDS
 Country : USSR
 City : Baku
 Current Name : Parichskaya Kommuna Shipyard
 Alternate Name: F.A.
 Location : In the Vereshilov district of Baku between the Bailev Naval Base and the commercial piers, approx. 3500' NW of Cape Bailev.
 Remarks : This shipyard is the most important merchant shipyard in the South Caspian Sea area.

Its drydocks are capable of handling vessels of up to 10,000 GRT. This yard is primarily a repair yard, and has not engaged in new construction in recent years.

The yard accomplishes repairs of all types on the vessels of the Caspian Steamship line and also occasionally repairs Caspian Tanker and Redstead Tanker vessels. Naval craft of various types have also been repaired at this yard.

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- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

8. What drydeck facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- d. Capacity
- e. Dimensions

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* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

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Subject : SHIPYARDS
Country : USSR
City : Baku

Current Name : Transcaucasian Federation Shipyard (Zakavkazskaya Federatsiya Yard)

Alternate Name: N.A.

Location : In the Shumyayevskiy district of Baku ("Black City" section),
5,000 feet east of the large concrete mole.

Remarks : This yard is a tanker repair yard reported to be almost exclusively
engaged in the repair and maintenance of vessels belonging to the
Caspian Petroleum Shipping Company (Kasptanker). In addition,
internal combustion engine components are manufactured.

It was reported in 1951 that the yard had expanded more than
90% since the beginning of World War II. It is now believed to
be equipped with a covered slipway and to be capable of repairing
tankers up to 10,000 tons.

There are three piers within the yard area, one at each extremity
and one situated centrally. A marine railway is believed to have
been constructed west of the central pier. A small basin (approx.
125' x 45') existed in 1942 east of the western pier. Several
pastur reports describe this as a drydock for small vessels.

Subject : SHIPYARDS
Country : USSR
City : ~~Baku~~
Current Name: Transcaucasian Federation Shipyard (Zakavkasskaya Federatsiya Yard)

GAPS IN INTELLIGENCE: The following questions were used as a general guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *

* 1. What is the current name of this yard?

2. By what other names is the yard known?

* 3. What is the exact location of this yard?

* a. Coordinates

* b. Azimuth and distance from some prominent landmark.

* 4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

* 7. What building ways exist at this yard?

* a. Number

* b. Location

* c. Type

* d. Capacity

* e. Dimensions

8. What drydock facilities exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

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* 9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SHIPYARDS

Country: USSR

City: MAFU

Current Name: new steamshipbuilding repair and Ship

Alternate Names: U.S.

Coordinates: 40°00'15"N 14°30'35"E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production	Merchant Cargo
575,000 (estimated)	50,000 (roof cover)	1 - Concrete on area of approx. 80 x 100'	A - 8	None	fair	1944-Constructed & repaired dredges & pontoons, repaired 11 boats, gun-boats, bridge parts. 1945-51-Repaired tugboats, barges & dredges, produced spare parts for diesel engines, constructed tugboats. 1945-200 hp 1945-50-500 hp 1945-50-600 hp 1945-50-1800 hp 1946-male size covered ships' boats. 1949-produced spare parts for agricultural machinery. 1950-repaired ships.	1,500 (two shifts) (1945-51)	450	900	3,000

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Baku

Current Name : Vane Starun Shipbuilding and Ship Repair Yard

Alternate Name: N.A.

Location : In the Staliniski District of Baku on the Southern part of Cape
Bailov west of the Krassin Power Plant.

Remarks : This yard has expanded and grown in importance in the post-war period. Prior to 1932 it was subordinate to the Directorate for Machine Building of the Ministry of the Merchant Fleet. Its present subordination is unknown.

Bridges and other vessels of the Caspian merchant fleet are reportedly repaired at this yard, however, its main postwar activity has been the construction of a series of 300 h.p., 600 h.p. and 1200 h.p. tugs. Some repair work has been done on naval vessels also.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Baku
Current Name: Vane Sturua Shipbuilding and Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a general guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

* 1. What is the current name of this yard?

2. By what other names is the yard known?

* 3. What is the exact location of this yard?

* a. Coordinates

* b. Azimuth and distance from some prominent landmark.

* 4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

* a. Number

* b. Location

c. Type

d. Capacity

e. Dimensions

8. What drydock facilities exist at this yard?

* a. Number

* b. Location

c. Type

d. Capacity

e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- * c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

* 16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SHIPYARDS

Country: USSR

City: Imeni

Current Name: Imeni Leni Serebrenykh
 Coordinates: 44° 00' N, 44° 00' E

Alternate Names: Imeni Serebrenykh, Imeni Serebrenykh Shipyard

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - floating ways B - Graving	Number and Size of Marine Rail-ways	General im-pression as to efficiency of yard and adequacy of tools	Type of past Production, Construction Repair	Reported Number Employees	Est. Maxi-um number Employees	Estimated Maximum Yearly Production	Merchant G.
60,000	170,000	1	None	2	Good	1942 Ship Repair General and Re- construction of small parts, vessels, for parts, for marine engines.	600	600	1,000	6,000

Subject : SHIPYARDS
Country : USSR
City : Batumi

Current Name : Batumi Naval Base and Shipyard, "Dzerzhinskiy"

Alternate Name: Batumi Ship Repair Yard, Dzerzhinskiy Shipyard

Location : 1500 yards northwest of the Batumi railroad yards, 700 yards northwest of western tip of petroleum harbor breakwater.

Remarks : This yard is of minor importance due to limited harbor space and proximity to the Turkish border. It performed some destroyer repair work during WWII. It produces small amounts of ship components (screws and driveshafts) for Black and Azov Sea ships.

Facilities include: machine shop, ship-fitting shop, 3 workshops, 2 office buildings, possible foundry or forge, 2 warehouses and other buildings.

In addition a marine railway (capacity unavailable) and 4 ways for either repairing or building of small vessels are located in the recently enlarged southern section of the yard.

Subject : SHIPYARDS
Country : USSR
City : Batumi
Current Name: Batumi Naval Base and Shipyard "Dzerzhinskiy"

GAPS IN INTELLIGENCE: The following questions were used as a rough guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- *3. What is the exact location of this yard?
 - *a. Coordinates
 - *b. Azimuth and distance from some prominent landmark.
- *4. What are the limits of the yard area?
- *5. What is the general plan and layout of the yard?
- *6. What are the dimensions and functions of each building?
- *7. What building ways exist at this yard?
 - *a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - *d. Capacity
 - *e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

*9. What marine railway facilities exist at this yard?

- * a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

*10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

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- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

*16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: SITVANDS
 Current Name: Island Port Facilities
 Coordinates: 15°38'45"N 117°41'30"E

Country: USSR
 Alternate Names: H.A.

City: Island

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - floating B - Graving	Number and Size of Marine Tails	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Construction Repair	Reported Number Employees	Est. Total number Employees	Estimated Maximum Yearly Production	Merchant Cargo
1,000,000	250,000 (see notes)	None	None	None	H.A.	None (see remarks)	H.A.	H.A.	Refrigerator only	

Subject : SHIPYARDS
Country : USSR
City : Batumi

Current Name : Batumi Port Facilities

Alternate Name: N.A.

Location : In the Petrolsum Harbor, southeast of Odeskhinskiy Shipyard,
adjacent to and north of the Batumi railroad yards.

Remarks : Ships have not been repaired or constructed in the past but
the port area reportedly has facilities for minor repair work
including 2 floating cranes (100-ton and 40 or 50-ton capacity)

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Batumi
Current Name: Batumi Port Facilities

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

*1. What is the current name of this yard?

*2. By what other names is the yard known?

*3. What is the exact location of this yard?

*a. Coordinates

*b. Azimuth and distance from some prominent landmark.

*4. What are the limits of the yard area?

*5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

*7. What building ways exist at this yard?

*a. Number

*b. Location

*c. Type

*d. Capacity

*e. Dimensions

* 8. What drydock facilities exist at this yard?

* a. Number

*b. Location

*c. Type

*d. Capacity

*e. Dimensions

S-E-C-R-E-T

*9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

*11. What is the Yard's ship construction history (1935-present)?

- * a. Types and dates of construction.
- * b. Length of times between keel laying and launching.
- * c. How many months a year is ship construction restricted by climatic conditions?

*12. What ships has the yard repaired (1935-present)?

- * a. Types and dates of repair.
- * b. Extent of repairs.
- * c. How many months a year is ship repair restricted by climatic conditions?

*13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

*14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Batumi

Current Name : Ordzhonikidze Ship Repair Yard

Alternate Name: Batumi Ship Repair Plant

Location : In the vicinity of Batumi

Remarks : It is very probable that this yard is identical to the Batumi Naval Base and Shipyard "Dzerzhinskiy", however, until conclusive information is received this facility will be listed as a separate installation.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : ~~Datun~~
Current Name: ~~Ordzhonikidze Ship Repair Yard~~

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (*).

1. What is the current name of this yard?
2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

a minimum of 200 square feet of building area per employee?

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subjects: SHIPYARDS
 Current Name: **Kobuleti Shipyard**
 Coordinates: **(at city) 42°30'N-41°55'E**

Country: USSR
 Alternate Names:

City: **Kobuleti**

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks; A - Floating ways B - Graving	Number and Size of Marine Docks	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production	Estimated Maximum Yearly Production
NA	NA	NA	NA	NA	NA	NA Planned to construct 2 complete boats	1,200 (1983)	NA	NA	NA

Subject : SHIPYARDS
Country : USSR
City : Kibuleti

Current Name : Kibuleti Navy Yard

Alternate Name: --

Location : In the vicinity of Kibuleti

Remarks : There is practically no information available on this yard.

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Kobuleti
Current Name: Kobuleti, Navy Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *

* 1. What is the current name of this yard?

2. By what other names is the yard known?

3. What is the exact location of this yard?

a. Coordinates

b. Azimuth and distance from some prominent landmark.

4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

8. What drydock facilities exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Oshenchiri
Current Name : Oshenchiri Naval Base
Alternate Name: Oshenchiri Submarine Base
Location : 3/4 miles northwest of Oshenchiri
Remarks : The little information available on this yard indicates
that it has one slipway and repairs small naval vessels.

Subject : SHIPYARDS
Country : USSR
City : Ochamchiri
Current Name: Ochamchiri Naval Base

GAPS IN INTELLIGENCE: The following questions were used as a minimum guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk*.

*1. What is the current name of this yard?

*2. By what other names is the yard known?

3. What is the exact location of this yard?

a. Coordinates

b. Azimuth and distance from some prominent landmark.

4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

8. What drydock facilities exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

S-E-C-R-E-T

S-F-C-P-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

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- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

~~S-E-C-R-E-T~~

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

~~S-E-C-R-E-T~~

Subject : SHIPYARDS
Country : USSR
City : Oghenchiri
Current Name : Oghenchiri Shipyard
Alternate Name: N.A.
Location : In the vicinity of Oghenchiri
Remarks : Little information exists on this yard. It is possible that this yard is identical to the Oghenchiri Naval Base and has merely been reported under a different name.

Subject : SHIPYARDS
Country : USSR
City : Oshemchiri
Current Name: Oshemchiri Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a question guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk*.

- *1. What is the current name of this yard?
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 - a. Coordinates
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 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
- 8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

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- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
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- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

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S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Oliver's **1001**

Alternative names: Polysynthetic, Polycond 21

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of Marine Railways	General Impression as to efficiency of yard and adequacy of tools	Type of past production; Construction Repair	Reported Number Employes	Est. Maximum number Employes	Estimated Maximum Yearly Production	
50,000 (estimated) (about 15 acres)	NA	5- (approximately 30 tons each) capable of handling vessels up to 500 tons)	NA (2 separate, mainly 600x80' each, plus 2 of various sizes constructed recently)	Good	Construction 1948- Passenger speed boat 1950- Small craft and assembly of prefabricated hull sections of submarines. 1951- Coasting patrol boats 1952- Landing barge 1953- Landing craft w/o rails 1954- Coastal vessels, small ships and custom launches. 1945- Har- borcraft and naval vessels, including submarines. 1950- Ocean-going submarines, minesweepers and small craft.	NA	NA	NA	NA

1953- Submarine & corporate launchers, coastal and inland freighters, tugboats, barges, cargo ships and landings.

Approved For Release 1999/09/08 : CIA-RDP79S01046A0003000200

Subject : SHIPPYARDS
 Country : USSR
 City : Peti
 Current Name : Peti Shipyard, "Yelyava"
 Alternate Name: Yelyava Shipyard, Shipyard 201
 Location : South of the Naval Base, at the east end of the inner basin
 Remarks : with docking facilities extending along the shores of the inner basin.

This is a small pre-World War II shipyard. It was enlarged in 1942 with equipment and workers from Plant No. 444 in Nibogayev. In 1946 and 1947 this yard received a considerable quantity of machine tools and metal construction parts that had been dismantled in Germany.

Just north of the yard is the Peti Naval Base which is the second most important naval establishment on the Black Sea, however, no construction or repair facilities are known to exist here. It is believed that the Peti Shipyard, "Yelyava" accomplishes all construction, repair and maintenance of naval vessels attached to this base. The administrative connection between the yard and naval base is unknown.

There have been reports of a shipyard in Peti constructing suction dredgers. It is not known if these reports refer to the Yelyava Shipyard or if another shipyard has been established in this area. It was reported that a large shipbuilding works was under construction (1947) at the naval base on the east side of the ~~inner~~ outer harbor.

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Peti
Current Name: Peti Shipyard, "Yelyava"

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
- *3. What is the exact location of this yard?
 - *a. Coordinates
 - *b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- *7. What building ways exist at this yard?
 - *a. Number
 - *b. Location
 - *c. Type
 - d. Capacity
 - e. Dimensions
- *8. What drydock facilities exist at this yard?
 - *a. Number
 - *b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

* 9. What marine railway facilities exist at this yard?

- * a. Number
- * b. Location
- * c. Type
- * d. Capacity
- * e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GT)?

S-E-C-R-E-T

Current Name: **SEMPERS**
 Coordinates: **(44 41N) 107 29N-117 55E**

Country: **USA**
 Alternative Names: **Demetrio Submarine (Seam Navigation)**

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Railways	General Impression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Reported Number Employees	Est. Maximum number Employees	Estimated Maximum Yearly Production	Merchant G.
NA	NA	NA	NA	NA	NA	1944-46 Converted steel barge and tanks	NA	NA	NA	NA

Subject : SHIPYARDS
Country : USSR
City : **Sevan**

Current Name : **Sevan Barge Shipyard**

Alternate Name: **Sevanskoye Sudokhodstvo (Sevan Navigation)** ^{Company}

Location : **In the vicinity of Sevan**

Remarks : **Barges are reported to be constructed here in the open. The equipment appeared to be primitive in 1949. The barges constructed here were of steel, approximately 100 feet long, 20 feet wide and 12 feet high. One report indicated that some repair work was done here also.**

S-E-C-R-E-T

S-E-C-R-E-T

Subject : SHIPYARDS
Country : USSR
City : Sevan
Current Name: Sevan Barge Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a general guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

- *1. What is the current name of this yard?
- *2. By what other names is the yard known?
3. What is the exact location of this yard?
 - a. Coordinates
 - b. Azimuth and distance from some prominent landmark.
4. What are the limits of the yard area?
5. What is the general plan and layout of the yard?
6. What are the dimensions and functions of each building?
7. What building ways exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions
8. What drydock facilities exist at this yard?
 - a. Number
 - b. Location
 - c. Type
 - d. Capacity
 - e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?

12. What ships has the yard repaired (1935-present)?

- a. Types and dates of repair.
- b. Extent of repairs.
- c. How many months a year is ship repair restricted by climatic conditions?

13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?

14. What percentage of the yards facilities are involved in the production of these other items?

15. How many employees does the yard have?

- a. Number per shift.
- b. Number of shifts per day.
- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

Subject: SUPREMACYCountry: USSRCity: SUPREMACYCurrent Name: Submarine Repair YardAlternate Names: Submarine Repair Workshops, Submarine Submarine Repair YardCoordinates: (of Submarine) 43°30'N, 130°20'E

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating ways B - Graving	Number and Size of Marine Hallways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Construction Repair	Reported Number Employees	Est. Total number Employees	Estimated Maximum Yearly Production	Estimated Maximum Yearly Production
N.A.	N.A.	8,200' x 66' (unconfirmed)	A - 1 - 900' x 100' (damaged)	2 (unconfirmed)	Poor	Construction 1947-48-100' wooden 100' floating boats with diesel engines. 1949- small coastal vessels. Repairs 1945-49- Naval-inland freighters & tankers, seagoing tugboats, tugboats, outboard motor torpedo boats, motor boats, river boats, fishing crafts.	100 (1946-48)	N.A.	N.A.	N.A.

Subject : SHIPYARDS
Country : USSR
City : Sukhumi

Current Name : Sukhumi Ship Repair Yard

Alternate Name: Naval Repair Workshops

Location : On the Black Sea, in the vicinity of Sukhumi.

Remarks : This yard appears to be primarily engaged in repair work with the possibility of a small amount of construction. The floating dock at this yard is damaged and not in use.

An extension of the shops was begun in 1949 and these shops were only partially in operation in 1951.

The Demidovsky Port Equipment Plant is located within the boundaries of this yard. In 1947 and 1948 it was manufacturing linear transporters (probably roller or belt conveyors), type "KL-15", metal grab-buckets and platforms for the Sukhumi hydroelectric power station cableway.

Subject : SHIPYARDS
Country : USSR
City : Sukhumi
Current Name: Sukhumi Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a general guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *

*1. What is the current name of this yard?

*2. By what other names is the yard known?

3. What is the exact location of this yard?

a. Coordinates

b. Azimuth and distance from some prominent landmark.

4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

8. What drydock facilities exist at this yard?

* a. Number

* b. Location

c. Type

d. Capacity

* e. Dimensions

S-E-C-R-E-T

S-F-C-P-FLT

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

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- c. Length of each shift.
- d. Number of days worked per week.
- e. Is there a seasonal fluctuation in employment?

16. What is the estimated maximum number of employees per shift based on

S-E-C-R-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

S-E-C-R-E-T

Subject: STEVEDORS

Country: USSR

City: Zolotod

Current Name: Zolotod (Zolotod)

Alternate Names: Zolotod (Zolotod)

Coordinates: (lat city: 48°30'N, 40°50'E)

Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Way	Number and Size of docks: A - Floating B - Graving	Number and Size of Marine Railways	General impression as to efficiency of yard and adequacy of tools	Type of past Production, Construction Repair	Reported Number Employees	List. Taxi-number Employees	Estimated Maximum Yearly Production	Merchant Ship
NA	NA	NA	NA	NA	NA	1952 Reported river steamer	NA	NA	NA	NA

Subject : SHIPYARDS
Country : USSR
City : Zabirabad

Current Name : Zabirabad Shipyard

Alternate Name: Zabirabad Ship Repair Shops

Location : In the vicinity of Zabirabad on the Kura River, in
Assutaidshan SSR.

Remarks : This yard is reported to be a ship repair yard for the
Kura River Steamship Lines. It has been briefly mentioned
several times in the Soviet press and other sources since
1949.

Subject : SHIPYARDS
Country : USSR
City : Zahirabad
Current Name: Zahirabad Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a general guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk *.

*1. What is the current name of this yard?

*2. By what other names is the yard known?

3. What is the exact location of this yard?

a. Coordinates

b. Azimuth and distance from some prominent landmark.

4. What are the limits of the yard area?

5. What is the general plan and layout of the yard?

6. What are the dimensions and functions of each building?

7. What building ways exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

8. What drydeck facilities exist at this yard?

a. Number

b. Location

c. Type

d. Capacity

e. Dimensions

S-E-C-R-E-T

S-E-C-R-E-T

9. What marine railway facilities exist at this yard?

- a. Number
- b. Location
- c. Type
- d. Capacity
- e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

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S-E-C-R-E-T

METHODOLOGY

The sources of information have been limited to the Industrial Register of CIA and the files of the Shipbuilding Branch of the Industrial Division of ORR.

The total yard area and the total area of buildings have been estimated from aerial photographs and/or sketches or other descriptive information. The graphics in which these estimates have been based are contained herein in the city folder of the area.

For the purposes of this report the total area of buildings includes:

(a) The horizontal projected roof area of shop buildings believed to be engaged in productive work, the number of floors being disregarded.

(b) The area of longitudinal building ways, marine railways, and graving docks plus an allowance for working space along each side equal to one half of the width of the way, dock or railway, and a space of 30 feet at the head of the way, dock or railway.

(c) The area of transverse building ways and the building section of patent slipways.

(d) The area of welding or assembly platens.

(e) The area of floating drydocks is not included because of their non-permanent status.

The number, type, and size of building ways, drydocks and marine railways have been estimated from the most recent information available.

If graphics were used as a source of information they are enclosed in the city folder.

The general impression as to the efficiency of the yard and the adequacy of tools, the type of past production, and the reported number of employees have

been obtained from finished intelligence sources if possible. It is to

be noted that the reported number of employees in some instances includes the total number employed on three shifts, and in other instances only the total number employed on the first or main shift.

The estimated maximum number of employees (on the first shift) has been calculated from the total area of buildings by using a factor of 200 square feet per employee. This factor is derived from data on a large number of US shipyards. It has been found to be approximately correct for shipyards in East Germany (see ORR Project 35.242) and for shipyards in Czechoslovakia (see ORR Project 35.245). When more than one shift is employed it is estimated that the estimated maximum number of employees (on the first shift) is approximately 60 per cent of the total number of workers employed by that yard.

The estimated maximum yearly production, merchant or naval, has been obtained from finished intelligence studies where possible. In the great majority of cases such estimates are not available and estimated maximum capabilities are based on the following productive rates of the maximum number of employees, with the yard operating on a one shift basis.

Merchant vessels (all types and sizes) = 7 grt per man-year

Naval vessels (all types and sizes) = 2 sdt per man-year

These productivity factors are obtained from information contained in ORR Project 35.51, ORR Project 35.244, Shipbuilding Branch contributions to Office-Wide Project 0.6, and from discussions with analysts of ONI and AFOIN. Factual data is not available to support these factors and it should be realized that the estimated maximum yearly production based on them can be considered as only rough approximations. The estimated margins of error of these factors are

as follows:

Merchant production - 35% to - 10%

Naval production - 32% to - 27%

If launching facilities other than cranes are available at the yard it is assumed that the yard has the capability of ship construction, even if it is or has been engaged in ship repair exclusively. If no launching facilities are available an entry of "Repair Only" has been made instead of an estimate of maximum yearly production.

~~SECRET~~

INTERIM STUDY OF USSR SHIPYARDS

IN ECONOMIC REGION V

ORR PROJECT 35.512 (RA)

Copy #4

09/08 : CIA-RDP79

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